

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/758,673A
Source: 1FWO
Date Processed by STIC: 2/11/05

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/758,673A

CRF Edit Date: 2/16/05
Edited by: 182

___ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

___ Corrected the SEQ ID NO. Sequence numbers edited were:

___ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

___ Deleted: ___ invalid beginning/end-of-file text ; ___ page numbers

___ Inserted mandatory headings/numeric identifiers, specifically:

___ Moved responses to same line as heading/numeric identifier, specifically:

✓
___ Other:
Sequence 2 - inserted ending bracket in <213> numeric
identifier
Sequence 31 - corrected spelling of "Artificial"



IFWO

RAW SEQUENCE LISTING

DATE: 02/16/2005

PATENT APPLICATION: US/10/758,673A

TIME: 12:39:18

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\02162005\J758673A.raw

p.6

1 <110> APPLICANT: Valmori, Danila
 2 Cerottini, Jean-Charles
 3 Romero, Pedro
 5 <120> TITLE OF INVENTION: Isolated Nona - And Decapeptides Which Bind
 6 To HLA Molecules, and the Use Thereof
 8 <130> FILE REFERENCE: LUD 5483.7
 10 <140> CURRENT APPLICATION NUMBER: US 10/758,673A
 12 <141> CURRENT FILING DATE: 2004-01-16
 14 <150> PRIOR APPLICATION NUMBER: US 09/789,649
 15 <151> PRIOR FILING DATE: 2001-02-21
 17 <160> NUMBER OF SEQ ID NOS: 32
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 10
 22 <212> TYPE: PRT
 23 <213> ORGANISM: Artificial sequence
 25 <220> FEATURE:
 26 <223> OTHER INFORMATION: Peptide based on Melan-A peptide
 28 <400> SEQUENCE: 1
 29 Glu Ala Ala Gly Ile Gly Ile Leu Thr Val
 30 1 5 10
 32 <210> SEQ ID NO: 2
 33 <211> LENGTH: 9
 34 <212> TYPE: PRT
 35 <213> ORGANISM: Artificial Sequence
 37 <220> FEATURE:
 38 <223> OTHER INFORMATION: Peptide derived from Melan A
 40 <400> SEQUENCE: 2
 41 Ala Ala Gly Ile Gly Ile Leu Thr Val
 42 1 5
 44 <210> SEQ ID NO: 3
 45 <211> LENGTH: 10
 46 <212> TYPE: PRT
 47 <213> ORGANISM: Artificial Sequence
 49 <220> FEATURE:
 50 <223> OTHER INFORMATION: Peptide based on Melan A protein
 52 <400> SEQUENCE: 3
 53 Ala Ala Gly Ile Gly Ile Leu Thr Val Ile
 54 1 5 10
 56 <210> SEQ ID NO: 4
 57 <211> LENGTH: 9
 58 <212> TYPE: PRT
 59 <213> ORGANISM: Artificial Sequence
 61 <220> FEATURE:

RAW SEQUENCE LISTING

DATE: 02/16/2005

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Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\02162005\J758673A.raw

62 <223> OTHER INFORMATION: Peptide based on Melan A protein

64 <400> SEQUENCE: 4

65 Ile Leu Thr Val Ile Leu Gly Val Leu

66 1 5

68 <210> SEQ ID NO: 5

69 <211> LENGTH: 9

70 <212> TYPE: PRT

71 <213> ORGANISM: Artificial Sequence

73 <220> FEATURE:

74 <223> OTHER INFORMATION: Derivative of SEQ ID NO: 2

76 <400> SEQUENCE: 5

77 Ala Leu Gly Ile Gly Ile Leu Thr Val

78 1 5

80 <210> SEQ ID NO: 6

81 <211> LENGTH: 9

82 <212> TYPE: PRT

83 <213> ORGANISM: Artificial Sequence

85 <220> FEATURE:

86 <223> OTHER INFORMATION: Derivative of SEQ ID NO: 2

88 <400> SEQUENCE: 6

89 Ala Met Gly Ile Gly Ile Leu Thr Val

90 1 5

92 <210> SEQ ID NO: 7

93 <211> LENGTH: 9

94 <212> TYPE: PRT

95 <213> ORGANISM: Artificial Sequence

97 <220> FEATURE:

98 <223> OTHER INFORMATION: Derivative of SEQ ID NO: 2

100 <400> SEQUENCE: 7

101 Leu Ala Gly Ile Gly Ile Leu Thr Val

102 1 5

104 <210> SEQ ID NO: 8

105 <211> LENGTH: 9

106 <212> TYPE: PRT

107 <213> ORGANISM: Artificial Sequence

109 <220> FEATURE:

110 <223> OTHER INFORMATION: Derivative of SEQ ID NO: 2

112 <400> SEQUENCE: 8

113 Met Ala Gly Ile Gly Ile Leu Thr Val

114 1 5

116 <210> SEQ ID NO: 9

117 <211> LENGTH: 10

118 <212> TYPE: PRT

119 <213> ORGANISM: Artificial Sequence

121 <220> FEATURE:

122 <223> OTHER INFORMATION: Derivative of SEQ ID NO: 1

124 <400> SEQUENCE: 9

125 Glu Leu Ala Gly Ile Gly Ile Leu Thr Val

126 1 5 10

RAW SEQUENCE LISTING

DATE: 02/16/2005

PATENT APPLICATION: US/10/758,673A

TIME: 12:39:18

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\02162005\J758673A.raw

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128 <210> SEQ ID NO: 10
129 <211> LENGTH: 10
130 <212> TYPE: PRT
131 <213> ORGANISM: Artificial sequence
133 <220> FEATURE:
134 <223> OTHER INFORMATION: Derivative of SEQ ID NO: 1
136 <400> SEQUENCE: 10
137      Glu Met Ala Gly Ile Gly Ile Leu Thr Val
138      1              5              10
140 <210> SEQ ID NO: 11
141 <211> LENGTH: 10
142 <212> TYPE: PRT
143 <213> ORGANISM: Artificial sequence
145 <220> FEATURE:
146 <223> OTHER INFORMATION: Derivative of SEQ ID NO: 1
148 <400> SEQUENCE: 11
149      Glu Ala Leu Gly Ile Gly Ile Leu Thr Val
150      1              5              10
152 <210> SEQ ID NO: 12
153 <211> LENGTH: 10
154 <212> TYPE: PRT
155 <213> ORGANISM: Artificial Sequence
157 <220> FEATURE:
158 <223> OTHER INFORMATION: Derivative of SEQ ID NO: 1
160 <400> SEQUENCE: 12
161      Glu Ala Met Gly Ile Gly Ile Leu Thr Val
162      1              5              10
164 <210> SEQ ID NO: 13
165 <211> LENGTH: 10
166 <212> TYPE: PRT
167 <213> ORGANISM: Artificial sequence
169 <220> FEATURE:
170 <223> OTHER INFORMATION: Derivative of SEQ ID NO: 1
172 <400> SEQUENCE: 13
173      Tyr Ala Ala Gly Ile Gly Ile Leu Thr Val
174      1              5              10
176 <210> SEQ ID NO: 14
177 <211> LENGTH: 10
178 <212> TYPE: PRT
179 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Derivative of SEQ ID NO: 1
184 <400> SEQUENCE: 14
185      Phe Ala Ala Gly Ile Gly Ile Leu Thr Val
186      1              5              10
188 <210> SEQ ID NO: 15
189 <211> LENGTH: 10
190 <212> TYPE: PRT
191 <213> ORGANISM: Artificial sequence

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RAW SEQUENCE LISTING

DATE: 02/16/2005

PATENT APPLICATION: US/10/758,673A

TIME: 12:39:18

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\02162005\J758673A.raw

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193 <220> FEATURE:
194 <223> OTHER INFORMATION: Derivative of SEQ ID NO: 1
196 <400> SEQUENCE: 15
197     Ala Ala Ala Gly Ile Gly Ile Leu Thr Val
198         1             5             10
200 <210> SEQ ID NO: 16
201 <211> LENGTH: 10
202 <212> TYPE: PRT
203 <213> ORGANISM: Artificial Sequence
205 <220> FEATURE:
206 <223> OTHER INFORMATION: Derivative of SEQ ID NO: 1
208 <400> SEQUENCE: 16
209     Ala Leu Ala Gly Ile Gly Ile Leu Thr Val
210         1             5             10
212 <210> SEQ ID NO: 17
213 <211> LENGTH: 9
214 <212> TYPE: PRT
215 <213> ORGANISM: H. influenzae
217 <220> FEATURE:
218 <223> OTHER INFORMATION: Portion of Influenza A matrix protein
220 <400> SEQUENCE: 17
221     Gly Ile Leu Gly Phe Val Phe Thr Leu
222         1             5
224 <210> SEQ ID NO: 18
225 <211> LENGTH: 9
226 <212> TYPE: PRT
227 <213> ORGANISM: Artificial Sequence
229 <220> FEATURE:
230 <223> OTHER INFORMATION: Portion of Influenza A matrix protein
232 <400> SEQUENCE: 18
233     Glu Val Asp Pro Ile Gly His Leu Tyr
234         1             5
236 <210> SEQ ID NO: 19
237 <211> LENGTH: 9
238 <212> TYPE: PRT
239 <213> ORGANISM: Artificial Sequence
241 <220> FEATURE:
242 <223> OTHER INFORMATION: Peptide from protein MAGE-3
244 <400> SEQUENCE: 19
245     Phe Leu Trp Gly Pro Arg Ala Leu Val
246         1             5
248 <210> SEQ ID NO: 20
249 <211> LENGTH: 10
250 <212> TYPE: PRT
251 <213> ORGANISM: Artificial Sequence
253 <220> FEATURE:
254 <223> OTHER INFORMATION: Mutant Ras 5-14 Peptide
256 <400> SEQUENCE: 20
257     Lys Leu Val Val Val Gly Ala Val Gly Val

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RAW SEQUENCE LISTING

DATE: 02/16/2005

PATENT APPLICATION: US/10/758,673A

TIME: 12:39:18

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\02162005\J758673A.raw

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258      1      5      10
260 <210> SEQ ID NO: 21
261 <211> LENGTH: 9
262 <212> TYPE: <212 PRT
263 <213> ORGANISM: Artificial Sequence
265 <220> FEATURE:
266 <223> OTHER INFORMATION: Peptide from MAGE-1 Protein
268 <400> SEQUENCE: 21
269      Glu Ala Asp Pro Thr Gly His Ser Tyr
270      1      5
272 <210> SEQ ID NO: 22
273 <211> LENGTH: 9
274 <212> TYPE: PRT
275 <213> ORGANISM: Artificial Sequence
277 <220> FEATURE:
278 <223> OTHER INFORMATION: Peptide derived from tyrosinase which binds HLA-A*0201
280 <400> SEQUENCE: 22
281      Tyr Met Asp Gly Thr Met Ser Gln Val
282      1      5
284 <210> SEQ ID NO: 23
285 <211> LENGTH: 10
286 <212> TYPE: PRT
287 <213> ORGANISM: Artificial Sequence
289 <220> FEATURE:
290 <223> OTHER INFORMATION: Derivative of SEQ ID NO: 15
292 <400> SEQUENCE: 23
293      Glu Ala Ala Gly Ile Gly Ile Ala Thr Val
294      1      5      10
296 <210> SEQ ID NO: 24
297 <211> LENGTH: 10
298 <212> TYPE: PRT
299 <213> ORGANISM: Artificial Sequence
301 <220> FEATURE:
302 <223> OTHER INFORMATION: Derivative of SEQ ID NO: 15
304 <400> SEQUENCE: 24
305      Glu Ala Ala Gly Ile Gly Ile Leu Ala Val
306      1      5      10
308 <210> SEQ ID NO: 25
309 <211> LENGTH: 10
310 <212> TYPE: PRT
311 <213> ORGANISM: Artificial Sequence
313 <220> FEATURE:
314 <223> OTHER INFORMATION: Derivative of SEQ ID NO:1
316 <400> SEQUENCE: 25
317      Glu Ala Ala Ala Ile Gly Ile Leu Thr Val
318      1      5      10
320 <210> SEQ ID NO: 26
321 <211> LENGTH: 10
322 <212> TYPE: PRT

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/758,673A

DATE: 02/16/2005
TIME: 12:39:19

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\02162005\J758673A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:31; Xaa Pos. 1,3,4,5,6,7,8,9

Seq#:32; Xaa Pos. 2,3,4,5,6,7,8,9

VERIFICATION SUMMARY

DATE: 02/16/2005

PATENT APPLICATION: US/10/758,673A

TIME: 12:39:19

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\02162005\J758673A.raw

L:392 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0

L:409 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0



IFWO

RAW SEQUENCE LISTING

DATE: 02/11/2005

PATENT APPLICATION: US/10/758,673A

TIME: 10:53:38

Input Set : A:\LUD 5483.7 Sequence listing.txt

Output Set: N:\CRF4\02112005\J758673A.raw

**Does Not Comply
Corrected Diskette Needed**

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1 <110> APPLICANT: Valmori, Danila
2     Cerottini, Jean-Charles
3     Romero, Pedro
5 <120> TITLE OF INVENTION: Isolated Nona - And Decapeptides Which Bind
6     To HLA Molecules, and the Use Thereof
8 <130> FILE REFERENCE: LUD 5483.7
10 <140> CURRENT APPLICATION NUMBER: US 10/758,673A
12 <141> CURRENT FILING DATE: 2004-01-16
14 <150> PRIOR APPLICATION NUMBER: US 09/789,649
15 <151> PRIOR FILING DATE: 2001-02-21
17 <160> NUMBER OF SEQ ID NOS: 32
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 10
22 <212> TYPE: PRT
23 <213> ORGANISM: Artificial sequence
25 <220> FEATURE:
26 <223> OTHER INFORMATION: Peptide based on Melan-A peptide
28 <400> SEQUENCE: 1
29     Glu Ala Ala Gly Ile Gly Ile Leu Thr Val
30         1             5             10
32 <210> SEQ ID NO: 2
33 <211> LENGTH: 9
34 <212> TYPE: PRT
C--> 35 <213> ORGANISM: (213) Artificial Sequence
37 <220> FEATURE:
38 <223> OTHER INFORMATION: Peptide derived from Melan A
40 <400> SEQUENCE: 2
41     Ala Ala Gly Ile Gly Ile Leu Thr Val
42         1             5
44 <210> SEQ ID NO: 3
45 <211> LENGTH: 10
46 <212> TYPE: PRT
47 <213> ORGANISM: Artificial Sequence
49 <220> FEATURE:
50 <223> OTHER INFORMATION: Peptide based on Melan A protein
52 <400> SEQUENCE: 3
53     Ala Ala Gly Ile Gly Ile Leu Thr Val Ile
54         1             5             10
56 <210> SEQ ID NO: 4
57 <211> LENGTH: 9
58 <212> TYPE: PRT
59 <213> ORGANISM: Artificial Sequence
61 <220> FEATURE:

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<213> ← add ending bracket

RAW SEQUENCE LISTING

DATE: 02/11/2005

PATENT APPLICATION: US/10/758,673A

TIME: 10:53:38

Input Set : A:\LUD 5483.7 Sequence listing.txt

Output Set: N:\CRF4\02112005\J758673A.raw

62 <223> OTHER INFORMATION: Peptide based on Melan A protein

64 <400> SEQUENCE: 4

65 Ile Leu Thr Val Ile Leu Gly Val Leu

66 1 5

68 <210> SEQ ID NO: 5

69 <211> LENGTH: 9

70 <212> TYPE: PRT

71 <213> ORGANISM: Artificial Sequence

73 <220> FEATURE:

74 <223> OTHER INFORMATION: Derivative of SEQ ID NO: 2

76 <400> SEQUENCE: 5

77 Ala Leu Gly Ile Gly Ile Leu Thr Val

78 1 5

80 <210> SEQ ID NO: 6

81 <211> LENGTH: 9

82 <212> TYPE: PRT

83 <213> ORGANISM: Artificial Sequence

85 <220> FEATURE:

86 <223> OTHER INFORMATION: Derivative of SEQ ID NO: 2

88 <400> SEQUENCE: 6

89 Ala Met Gly Ile Gly Ile Leu Thr Val

90 1 5

92 <210> SEQ ID NO: 7

93 <211> LENGTH: 9

94 <212> TYPE: PRT

95 <213> ORGANISM: Artificial Sequence

97 <220> FEATURE:

98 <223> OTHER INFORMATION: Derivative of SEQ ID NO: 2

100 <400> SEQUENCE: 7

101 Leu Ala Gly Ile Gly Ile Leu Thr Val

102 1 5

104 <210> SEQ ID NO: 8

105 <211> LENGTH: 9

106 <212> TYPE: PRT

107 <213> ORGANISM: Artificial Sequence

109 <220> FEATURE:

110 <223> OTHER INFORMATION: Derivative of SEQ ID NO: 2

112 <400> SEQUENCE: 8

113 Met Ala Gly Ile Gly Ile Leu Thr Val

114 1 5

116 <210> SEQ ID NO: 9

117 <211> LENGTH: 10

118 <212> TYPE: PRT

119 <213> ORGANISM: Artificial Sequence

121 <220> FEATURE:

122 <223> OTHER INFORMATION: Derivative of SEQ ID NO: 1

124 <400> SEQUENCE: 9

125 Glu Leu Ala Gly Ile Gly Ile Leu Thr Val

126 1 5 10

RAW SEQUENCE LISTING

DATE: 02/11/2005

PATENT APPLICATION: US/10/758,673A

TIME: 10:53:38

Input Set : A:\LUD 5483.7 Sequence listing.txt

Output Set: N:\CRF4\02112005\J758673A.raw

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128 <210> SEQ ID NO: 10
129 <211> LENGTH: 10
130 <212> TYPE: PRT
131 <213> ORGANISM: Artificial sequence
133 <220> FEATURE:
134 <223> OTHER INFORMATION: Derivative of SEQ ID NO: 1
136 <400> SEQUENCE: 10
137      Glu Met Ala Gly Ile Gly Ile Leu Thr Val
138      1          5          10
140 <210> SEQ ID NO: 11
141 <211> LENGTH: 10
142 <212> TYPE: PRT
143 <213> ORGANISM: Artificial sequence
145 <220> FEATURE:
146 <223> OTHER INFORMATION: Derivative of SEQ ID NO: 1
148 <400> SEQUENCE: 11
149      Glu Ala Leu Gly Ile Gly Ile Leu Thr Val
150      1          5          10
152 <210> SEQ ID NO: 12
153 <211> LENGTH: 10
154 <212> TYPE: PRT
155 <213> ORGANISM: Artificial Sequence
157 <220> FEATURE:
158 <223> OTHER INFORMATION: Derivative of SEQ ID NO: 1
160 <400> SEQUENCE: 12
161      Glu Ala Met Gly Ile Gly Ile Leu Thr Val
162      1          5          10
164 <210> SEQ ID NO: 13
165 <211> LENGTH: 10
166 <212> TYPE: PRT
167 <213> ORGANISM: Artificial sequence
169 <220> FEATURE:
170 <223> OTHER INFORMATION: Derivative of SEQ ID NO: 1
172 <400> SEQUENCE: 13
173      Tyr Ala Ala Gly Ile Gly Ile Leu Thr Val
174      1          5          10
176 <210> SEQ ID NO: 14
177 <211> LENGTH: 10
178 <212> TYPE: PRT
179 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Derivative of SEQ ID NO: 1
184 <400> SEQUENCE: 14
185      Phe Ala Ala Gly Ile Gly Ile Leu Thr Val
186      1          5          10
188 <210> SEQ ID NO: 15
189 <211> LENGTH: 10
190 <212> TYPE: PRT
191 <213> ORGANISM: Artificial sequence

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RAW SEQUENCE LISTING

DATE: 02/11/2005

PATENT APPLICATION: US/10/758,673A

TIME: 10:53:38

Input Set : A:\LUD 5483.7 Sequence listing.txt

Output Set: N:\CRF4\02112005\J758673A.raw

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193 <220> FEATURE:
194 <223> OTHER INFORMATION: Derivative of SEQ ID NO: 1
196 <400> SEQUENCE: 15
197     Ala Ala Ala Gly Ile Gly Ile Leu Thr Val
198         1             5             10
200 <210> SEQ ID NO: 16
201 <211> LENGTH: 10
202 <212> TYPE: PRT
203 <213> ORGANISM: Artificial Sequence
205 <220> FEATURE:
206 <223> OTHER INFORMATION: Derivative of SEQ ID NO: 1
208 <400> SEQUENCE: 16
209     Ala Leu Ala Gly Ile Gly Ile Leu Thr Val
210         1             5             10
212 <210> SEQ ID NO: 17
213 <211> LENGTH: 9
214 <212> TYPE: PRT
215 <213> ORGANISM: H. influenzae
217 <220> FEATURE:
218 <223> OTHER INFORMATION: Portion of Influenza A matrix protein
220 <400> SEQUENCE: 17
221     Gly Ile Leu Gly Phe Val Phe Thr Leu
222         1             5
224 <210> SEQ ID NO: 18
225 <211> LENGTH: 9
226 <212> TYPE: PRT
227 <213> ORGANISM: Artificial Sequence
229 <220> FEATURE:
230 <223> OTHER INFORMATION: Portion of Influenza A matrix protein
232 <400> SEQUENCE: 18
233     Glu Val Asp Pro Ile Gly His Leu Tyr
234         1             5
236 <210> SEQ ID NO: 19
237 <211> LENGTH: 9
238 <212> TYPE: PRT
239 <213> ORGANISM: Artificial Sequence
241 <220> FEATURE:
242 <223> OTHER INFORMATION: Peptide from protein MAGE-3
244 <400> SEQUENCE: 19
245     Phe Leu Trp Gly Pro Arg Ala Leu Val
246         1             5
248 <210> SEQ ID NO: 20
249 <211> LENGTH: 10
250 <212> TYPE: PRT
251 <213> ORGANISM: Artificial Sequence
253 <220> FEATURE:
254 <223> OTHER INFORMATION: Mutant Ras 5-14 Peptide
256 <400> SEQUENCE: 20
257     Lys Leu Val Val Val Gly Ala Val Gly Val

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RAW SEQUENCE LISTING

DATE: 02/11/2005

PATENT APPLICATION: US/10/758,673A

TIME: 10:53:38

Input Set : A:\LUD 5483.7 Sequence listing.txt

Output Set: N:\CRF4\02112005\J758673A.raw

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258      1      5      10
260 <210> SEQ ID NO: 21
261 <211> LENGTH: 9
262 <212> TYPE: <212 PRT
263 <213> ORGANISM: Artificial Sequence
265 <220> FEATURE:
266 <223> OTHER INFORMATION: Peptide from MAGE-1 Protein
268 <400> SEQUENCE: 21
269      Glu Ala Asp Pro Thr Gly His Ser Tyr
270      1      5
272 <210> SEQ ID NO: 22
273 <211> LENGTH: 9
274 <212> TYPE: PRT
275 <213> ORGANISM: Artificial Sequence
277 <220> FEATURE:
278 <223> OTHER INFORMATION: Peptide derived from tyrosinase which binds HLA-A*0201
280 <400> SEQUENCE: 22
281      Tyr Met Asp Gly Thr Met Ser Gln Val
282      1      5
284 <210> SEQ ID NO: 23
285 <211> LENGTH: 10
286 <212> TYPE: PRT
287 <213> ORGANISM: Artificial Sequence
289 <220> FEATURE:
290 <223> OTHER INFORMATION: Derivative of SEQ ID NO: 15
292 <400> SEQUENCE: 23
293      Glu Ala Ala Gly Ile Gly Ile Ala Thr Val
294      1      5      10
296 <210> SEQ ID NO: 24
297 <211> LENGTH: 10
298 <212> TYPE: PRT
299 <213> ORGANISM: Artificial Sequence
301 <220> FEATURE:
302 <223> OTHER INFORMATION: Derivative of SEQ ID NO: 15
304 <400> SEQUENCE: 24
305      Glu Ala Ala Gly Ile Gly Ile Leu Ala Val
306      1      5      10
308 <210> SEQ ID NO: 25
309 <211> LENGTH: 10
310 <212> TYPE: PRT
311 <213> ORGANISM: Artificial Sequence
313 <220> FEATURE:
314 <223> OTHER INFORMATION: Derivative of SEQ ID NO:1
316 <400> SEQUENCE: 25
317      Glu Ala Ala Ala Ile Gly Ile Leu Thr Val
318      1      5      10
320 <210> SEQ ID NO: 26
321 <211> LENGTH: 10
322 <212> TYPE: PRT

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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 02/11/2005
PATENT APPLICATION: US/10/758,673A TIME: 10:53:39

Input Set : A:\LUD 5483.7 Sequence listing.txt
Output Set: N:\CRF4\02112005\J758673A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:31; Xaa Pos. 1,3,4,5,6,7,8,9

Seq#:32; Xaa Pos. 2,3,4,5,6,7,8,9

VERIFICATION SUMMARY

DATE: 02/11/2005

PATENT APPLICATION: US/10/758,673A

TIME: 10:53:39

Input Set : A:\LUD 5483.7 Sequence listing.txt

Output Set: N:\CRF4\02112005\J758673A.raw

L:35 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:2
L:383 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:31
L:392 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
L:409 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0